SuccessMaker 5.5
System Requirements

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Introduction

NCS Learn's SuccessMaker® software is a comprehensive interactive curriculum of educational software. It offers thousands of hours of customized interactive instruction for learners of all ages, from kindergartners to adults. NCS Learn™ continues to expand and enhance its multimedia educational software offerings in order to improve student achievement and enhance classroom management.

This document provides detailed information about system recommendations, hard drive space requirements, and network capacities.

The system recommendations contained in this document are subject to change at any time due to hardware and software changes beyond the control of NCS Learn. Changes may include, but are not limited to, operating systems and hardware technologies dictated by the market.

Using This Guide

The following style conventions are used in this guide. They alert you to special types of information.

Indicates information that, if ignored, could result in injury to personnel, damage to equipment, or loss of data.

Indicates specific information that, if overlooked, could affect system performance.

Indicates additional information about a subject that is not essential but that some readers may find useful.

System Recommendations

Windows-Based Stations

Component	Minimum Requirements	Recommendations
Operating System	Specified below	Specified below
• Windows® 95/98/98SE/ME/NT **NOTE:** Windows 95 requires Service Pack 1. **NOTE:** Windows NT® Workstation 4.0 requires Service Pack 5 (or later).	• Processor: Pentium® II @ 233 MHz • Memory: 64 MB	• Processor: Pentium III @ 500 MHz (or faster) • Memory: 64 MB
• Windows XP and Windows 2000 **NOTE:** Win 2000 workstation requires Service Pack 1 (or later).	• Processor: Pentium II @ 233 MHz • Memory: 128 MB	• Processor: Pentium III @ 500 MHz (or faster) • Memory: 256 MB
Monitor Resolution	**800 x 600 with thousands of colors**	**800 x 600 with thousands of colors**
Hard Disk Drive Space	200 MB available disk space	200 MB available disk space
	NOTE: Free disk space is the space remaining on the disk after the operating system and all third-party applications have been installed. The History station on a peer-to-peer network requires additional free disk space; NCS Learn recommends 1 MB per student (for the student's portfolio files and workbook files, if any).	
CD-ROM and/or DVD Drive	**SOLO™* and peer-to-peer stations:** • One 4x CD-ROM drive at each station to run the courseware **Stations on server-based networks:** • One 2x (or faster) DVD drive at *one* of the stations for installing the courseware • One 2x DVD drive or one 4x CD-ROM drive for each station that is using the full-motion video option	**SOLO and peer-to-peer stations:** • One 2x DVD drive at each station to run the courseware **Stations on server-based networks:** • One 2x (or faster) DVD drive at *one* of the stations for installing the courseware • One 2x DVD drive or one 8x CD-ROM drive for each station that is using the full-motion video option
Multimedia Software	QuickTime® 5.0 required at all stations	QuickTime 5.0 (or later) required at all stations
Audio	Any Creative Labs or 100%-compatible sound card, including Sound Blaster® 16 (or 32), PCI 64, and 16-bit ViBRA series products	Any Creative Labs or 100%-compatible sound card, including Sound Blaster 16 (or 32), PCI 64, and 16-bit ViBRA series products
Printer	Optional	Any inkjet or laser printer supported by the operating system for printing documentation and reports
Special Software/Equipment	• Excel 97, 2000, or 2002 required at any teacher station running SuccessMaker graphic reports (may require additional RAM) • Desktop protection software optional • Antivirus software optional • Adobe® Acrobat® Reader® 5.0 for viewing electronic documentation	• Excel 97, 2000, or 2002 required at any teacher station running SuccessMaker graphic reports (may require additional RAM) • Desktop protection software recommended • Antivirus software recommended • Adobe Acrobat Reader 5.0 (or later) for viewing electronic documentation

* SOLO = standalone option for learning opportunities; a standalone computer running SuccessMaker software.

Macintosh Stations

Component	Minimum Requirements	Recommendations
Operating Systems	Specified below	Specified below
• Mac® OS 8.6 to 9.x **NOTE:** OS 9.1 requires Open Transport 2.7.6 and CarbonLib 1.3.1	• Processor: G3 @ 233 MHz • Memory: 64 MB • Virtual memory enabled	• Processor: G3 @ 400 MHz (or faster) • Memory: 128 MB • Virtual memory enabled
• Mac OS X 10.1.1 **NOTE:** Mac OS X 10.0 is not supported.	• Processor: G3 @ 233 MHz • Memory: 128 MB	• Processor: G3 @ 400 MHz (or faster) • Memory: 256 MB (or more)
Monitor Resolution	**800 x 600 with thousands of colors**	**800 x 600 with thousands of colors**
Hard Disk Drive Space	550 MB available disk space	550 MB available disk space
	NOTE: Free disk space is the space remaining on the disk after the operating system and all third-party applications have been installed. The History station on a peer-to-peer network requires additional free disk space; NCS Learn recommends 1 MB per student (for the student's portfolio files and workbook files, if any).	
CD-ROM and/or DVD Drive	**SOLO* and peer-to-peer stations:** • One 4x CD-ROM drive at each station to run the courseware **Stations on server-based networks:** • One 2x (or faster) DVD drive at one of the stations for installing the courseware • One 2x DVD drive or one 4x CD-ROM drive for each station using the full-motion video option	**SOLO and peer-to-peer stations:** • One 2x DVD drive at each station to run the courseware **Stations on server-based networks:** • One 2x (or faster) DVD drive at one of the stations for installing the courseware • One 2x DVD drive or one 8x CD-ROM drive for each station using the full-motion video option
Multimedia software	QuickTime 5.0 required at all stations	QuickTime 5.0 (or later) required at all stations
Audio	Built in	Built in
Printer	Optional	Any inkjet or laser printer supported by the operating system for printing documentation and reports
Special Software/Equipment	• Excel 98 or 2001 required at any teacher station running SuccessMaker graphic reports (may require additional RAM) **NOTE:** Excel X is not supported. • Desktop protection software optional • Antivirus software optional • Adobe Acrobat Reader 5.0 for viewing electronic documentation	• Excel 98 or 2001 required at any teacher station running SuccessMaker graphic reports (may require additional RAM) **NOTE:** Excel X is not supported. • Desktop protection software recommended • Antivirus software recommended • Adobe Acrobat Reader 5.0 (or later) for viewing electronic documentation

* SOLO = standalone option for learning opportunities; a standalone computer running SuccessMaker software.

Windows-based and Macintosh® stations cannot be mixed on the same file server.

Intel-Based File Servers

Component	Minimum Requirements	Recommendations
Network Operating System	Specified below	Specified below
• Novell® NetWare® 4.11 (all Windows or all Macintosh clients) **NOTE:** Service Pack 9 recommended. **NOTE:** NetWare 4.2 only supports Windows stations	• Processor: Pentium II @ 233 MHz • Memory: 128 MB	• Processor: Pentium III @ 500 MHz (or faster) • Memory: 256 MB
• Novell NetWare 5.x **NOTE:** Novell NetWare 5.1 with Service Pack 3 recommended. **NOTE:** Macintosh stations are not supported with Novell NetWare 5.x Server software.	• Processor: Pentium II @ 233 MHz • Memory: 256 MB	• Processor: Pentium III @ 500 MHz (or faster) • Memory: 256 MB
• Novell NetWare 6.x (all Windows or all Macintosh clients) **NOTE:** Service Pack 1 recommended. **NOTE:** You must have one Windows station for installation. **NOTE:** Native File Access must be loaded to support Macintosh stations.	• Processor: Pentium III @ 450 MHz • Memory: 256 MB	• Processor: Pentium III @ 700 MHz (or faster) • Memory: 512 MB
• Microsoft Windows NT® Server 4.0 (all Windows or all Macintosh clients) **NOTE:** Service Pack 6a recommended. **NOTE:** For Macintosh clients, the Windows NT server must be running AppleShare® services.	• Processor: Pentium II @ 233 MHz • Memory: 128 MB	• Processor: Pentium III @ 500 MHz (or faster) • Memory: 256 MB
• Microsoft Windows 2000 Server (all Windows or all Macintosh clients) **NOTE:** Windows 2000 Server requires Service Pack 1 (or later). **NOTE:** For Macintosh clients, a Windows 2000 server must be running AppleShare services.	• Processor: Pentium III @ 450 MHz • Memory: 256 MB	• Processor: Pentium III @ 700 MHz (or faster) • Memory: 512 MB
Network Hardware	Ethernet	Ethernet
Hard Disk Drive Space	8 GB for courseware, 1 GB for student history data, and 1 MB additional per student enrolled	8 GB for courseware, 1 GB for student history data, and 1 MB additional per student enrolled
Hard Drive Subsystem	SCSI drive and controller **NOTE:** IDE drives are not supported.	SCSI drive and controller **NOTE:** IDE drives are not supported.
Backup Device	Optional	One backup device and backup software per system, installed either on the server or on a learning station
Uninterruptible Power Supply	Optional	One per server

Macintosh-Based File Servers

Component	Minimum Requirements	Recommendations
Network Operating System	Specified below	Specified below
• Mac OS X 10.1.1 Server (or later) **NOTE:** Mac OS X 10.0 Server is not supported.	• Processor: G4 @ 400 MHz • Memory: 256 MB	• Processor: G4 @ 400 MHz (or faster) • Memory: 512 MB
• AppleShare®	AppleShare IP 5.x • Processor: G3 @ 300 MHz • Memory: 128 MB • Operating System: Mac OS 8.0	AppleShare IP 6.1 (or later) • Processor: G3 @ 300 MHz (or faster) • Memory: 256 MB • Operating System: Mac OS 8.1 (or later)
	NOTE: Specific versions of Apple®'s network operating system software (e.g., AppleShare IP 6) require specific versions of operating system software (e.g., OS 8.1). For details, contact your Apple representative.	
Network Hardware	Ethernet	Ethernet
Hard Disk Drive Space	8 GB for courseware, 1 GB for student history data, and 1 MB additional per student enrolled	8 GB for courseware, 1 GB for student history data, and 1 MB additional per student enrolled
Hard Drive Subsystem	SCSI drive and controller **NOTE:** IDE drives are not supported.	SCSI drive and controller **NOTE:** IDE drives are not supported.
Backup Device	Optional	One backup device and backup software per system, installed either on the server or on a learning station
Uninterruptible Power Supply	Optional	One per server

Snap Server 1000 File Servers with All Macintosh or All Windows Clients

Component	Minimum Requirements
Network Operating System	Snap OS 3.1 (or later), which emulates an Intel®-based or Macintosh-based file server
Network Connection	Auto-sensing 10BaseT and 100BaseTX, single RJ-45 network connector
Network Topology	10BaseT or 100BaseTX supporting a maximum of 20 learning stations
System Management	Simple Web-based administration
Hard Disk Drive Space	8 GB for courseware, 1 GB for student history data, and 1 MB additional per student enrolled
DVD Drive	At least one learning station must have a DVD drive for installation of the SuccessMaker software.
NOTE: For detailed specifications for the Snap Server®, visit www.snapserver.com	

On a Macintosh network with a Snap Server, DO NOT allow more than one user to be in the SuccessMaker Management System at the same time.

Network Capacities

Peer-to-Peer Network

Platform	Ethernet Topology	File Server	Number of 10/100-Mbps Switches Required	Maximum Number of Stations Supported
Macintosh	10BaseT or 100BaseTX	None	None	10
Windows-based	10BaseT or 100BaseTX	None	None	10

NCS Learn recommends using 10/100-Mbps Switched Ethernet for all new server-based network installations, with a *maximum of 15 devices per switch port*.

OS X 10.1.1 Server Network with All Macintosh Clients

Ethernet Topology	File Server	Number of 10/100-Mbps Switches Required	Number of NICs Required	Maximum Number of Stations Supported
10/100 Switched	G4 @ 400 MHz (or faster)	1	1 (built in)	120
10/100 Switched	G4 @ 400 MHz (or faster)	2	1 (built in) plus 1 PCI network card	200
100BaseTX	G4 @ 400 MHz (or faster)	None	1 (built in)	100

AppleShare IP Network with All Macintosh Clients

Ethernet Topology	File Server	Number of 10/100-Mbps Switches Required	Number of NICs Required	Maximum Number of Stations Supported
10/100 Switched	G3 @ 300 MHz (or faster)	1	1	120
100BaseTX	G3 @ 300 MHz (or faster)	None	1	60

Windows NT Server 4.0 Network with All Windows or All Macintosh Clients

Ethernet Topology	File Server	Number of 10/100-Mbps Switches Required	Number of NICs Required	Maximum Number of Stations Supported
10/100 Switched	Pentium II @ 233 MHz	2	2	240
100BaseTX	Pentium II @ 233 MHz	None	2	100

Windows 2000 Server Network with All Macintosh or All Windows Clients

Ethernet Topology	File Server	Number of 10/100-Mbps Switches Required	Number of NICs Required	Maximum Number of Stations Supported
10/100 Switched	Pentium III @ 450 MHz	2	2	240
100BaseTX	Pentium III @ 450 MHz	None	2	120

Novell NetWare 4.11, 4.2 and 5.x Network with All Windows Clients

Ethernet Topology	File Server	Number of 10/100-Mbps Switches Required	Number of NICs Required	Maximum Number of Stations Supported
10/100 Switched	Pentium II @ 233 MHz	2	2	240
100BaseTX	Pentium II @ 233 MHz	None	2	240
100BaseTX	Pentium II @ 233 MHz	None	1	120

Novell NetWare 4.11 (Only) Network with All Macintosh Clients

Ethernet Topology	File Server	Number of 10/100-Mbps Switches Required	Number of NICs Required	Maximum Number of Stations Supported
10/100 Switched	Pentium II @ 233 MHz	1	1	120
100BaseTX	Pentium II @ 233 MHz	None	1	120

Novell NetWare 6.x Network with All Windows Clients

Ethernet Topology	File Server	Number of 10/100-Mbps Switches Required	Number of NICs Required	Maximum Number of Stations Supported
10/100 Switched	Pentium III @ 450 MHz	2	2	240
100BaseTX	Pentium III @ 450 MHz	None	1	120

Novell NetWare 6.x Network with All Macintosh Clients

Ethernet Topology	File Server	Number of 10/100-Mbps Switches Required	Number of NICs Required	Maximum Number of Stations Supported
10/100 Switched	Pentium III @ 450 MHz	2	2	200
100BaseTX	Pentium III @ 450 MHz	None	1	100

Macintosh stations are not supported on networks using Novell NetWare 4.2 and 5.x Server software; you must use NetWare 4.11 or 6.x.